

June 23, 2000

**MEMORANDUM 00-14**

To: District Directors Toll Road Operations Engineer  
District Materials and Tests Engineers District Construction Engineers  
Area Engineers Project Engineers\Supervisors

From: Timothy D. Bertram, Chief Timothy D. Bertram  
Contracts and Construction Division

Subject: Temporary Pavement Markings, 801.10(a)2

It has been brought to the attention of this office that there is some confusion in the field as to when and where temporary pavement marking tapes are allowed to be used and when they are required to be removed. The specifications state in paragraph 801.10(a)2 that "All temporary pavement marking tape shall be removed prior to the placement of an HMA overlay or final pavement markings".

This sentence is very clear, all temporary pavement marking tapes are to be removed prior to placing a HMA overlay or the placement of the final pavement markings. It was discovered several years ago that recycled HMA was contaminated with temporary pavement marking tape material and was showing up and causing problems within newly placed HMA pavements. To eliminate future problems it was determined that the temporary pavement marking tape should not be allowed to remain within the HMA pavement structure during construction. The practice of leaving temporary pavement marking tapes in between courses of HMA should no longer be allowed.

Paragraph 801.10(a)2.b. defines type II temporary pavement marking tape as a non-removable material. Since this material is non-removable the one place that it may be left in-place is on PCCP being overlaid with HMA course greater than 60 kg/m<sup>2</sup> (110 lb/sq yd) or where the PCCP is being removed during construction. The statement regarding the removal of tape prior to recycling HMA materials should be interpreted as all state maintained route are to be recycled. Since the tape can not be separated after the pavement structure is completed, all tape used during construction shall comply with the sentence in 801.10(a)2 stating all temporary pavement marking tapes are to be removed.

Another location where temporary tape may remain in-place is on all temporary pavements that are to be removed and disposed of in a landfill and not recycled. Any recycled HMA material that may show up on state routes must not contain any temporary pavement marking materials.

The contractor may use any pavement marking material in a temporary situation. It is the contractor's decision to make and INDOT is only concerned with the final condition of the pavement. INDOT does not want temporary pavement marking tape materials within HMA mixtures and the final pavement structure. The only instance where INDOT controls the use of temporary pavement marking materials is when the temporary markings are to be placed on the final surface of the new pavement. In this situation the specification requires the use of a removable temporary pavement marking material.

TDB:RLY:rlly

Ccc: FHWA Materials and Tests Division ICI APAI CEI